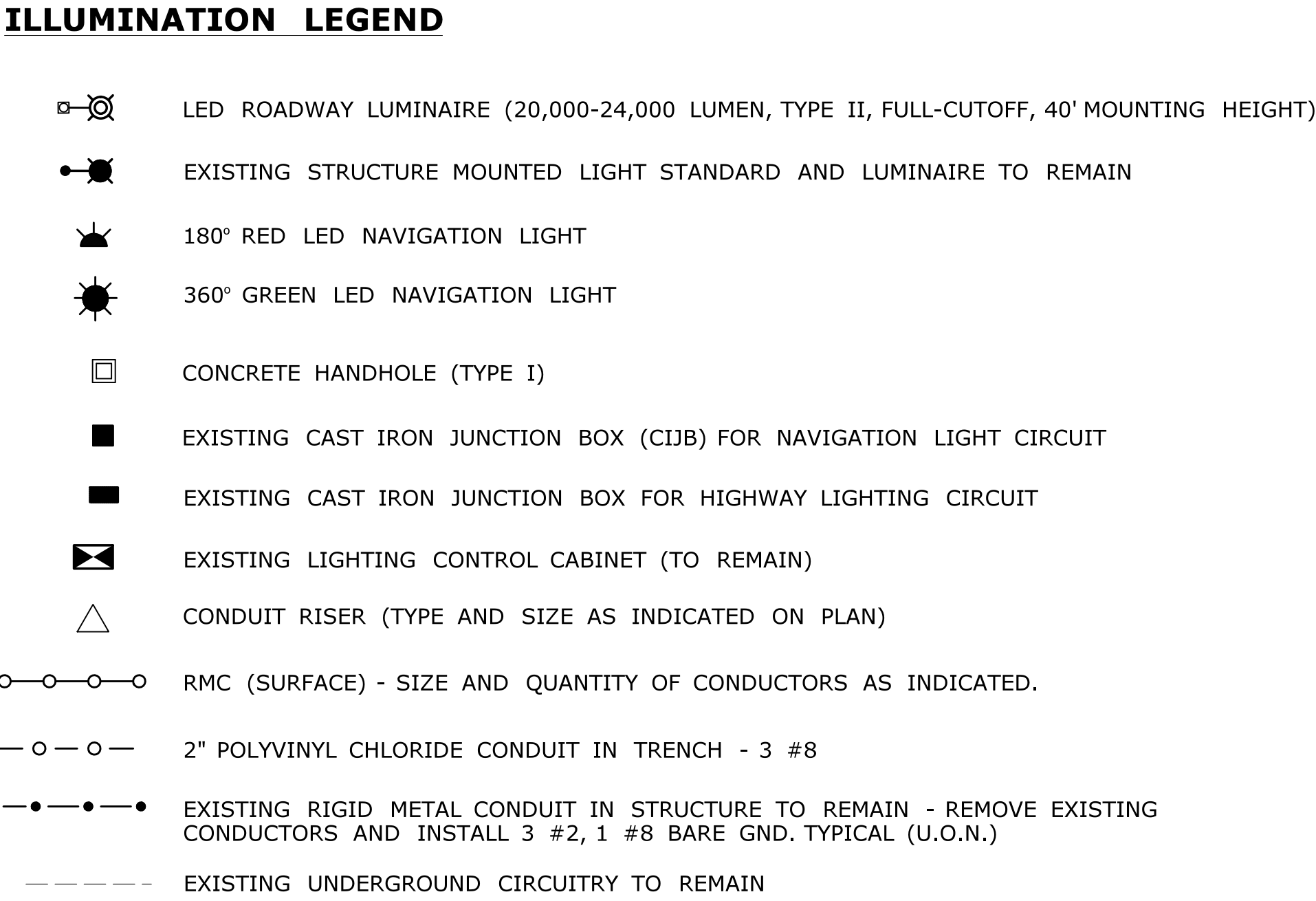


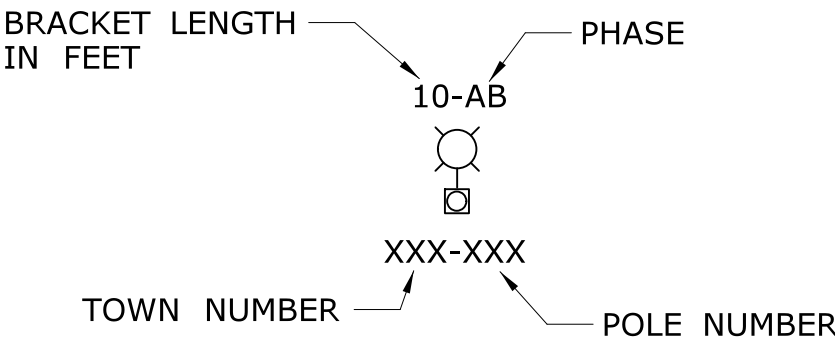
08 - ILLUMINATION
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
ILL-01	ILLUMINATION INDEX OF DRAWINGS		
ILL-02	ILLUMINATION PLAN		
ILL-03	ILLUMINATION PLAN		
ILL-04	ILLUMINATION PLAN		
ILL-05	ILLUMINATION PLAN		
ILL-06	ILLUMINATION PLAN		
ILL-07	ILLUMINATION PLAN		
ILL-08	NAVIGATION LIGHTS		
ILL-09	NAVIGATION LIGHTS (PENDANT MOUNTED)		
ILL-10	NAVIGATION LIGHT AND SOLAR POWER SUPPLY		
ILL-11	LIGHT STANDARD AND HANDHOLE		
ILL-12	CONNECTIONS & CONDUIT IN TRENCH		



THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

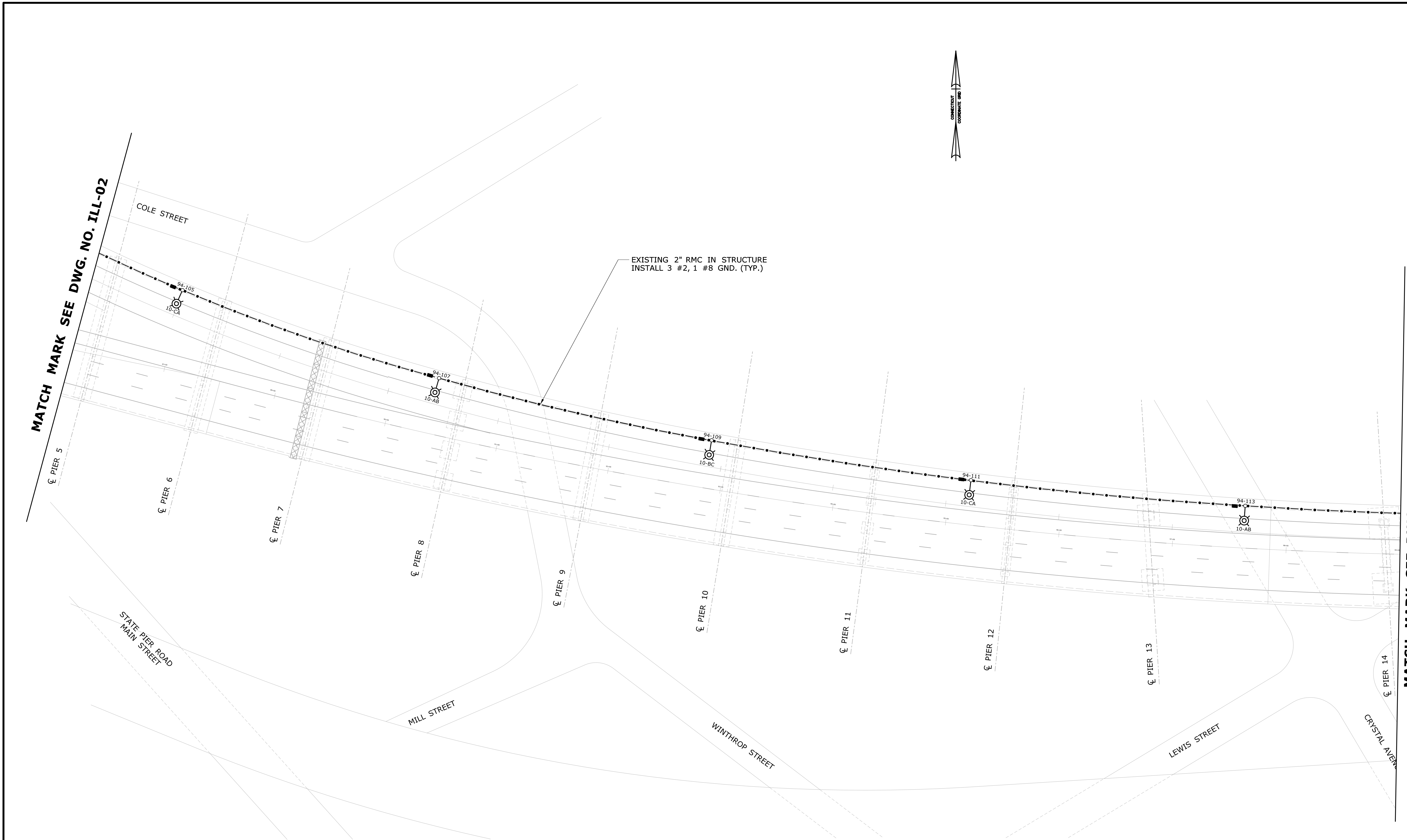


- THE CONTRACTOR SHALL ORGANIZE HIS WORK SO THAT ANY PORTION OF THE ROADWAY WHICH HAS EXISTING ILLUMINATION AND IS OPEN FOR USE REMAINS LIGHTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STAGE THE INSTALLATION OF NEW LIGHT STANDARDS AND CIRCUITRY IN SUCH A MANNER THAT ALL ROADWAYS WITH EXISTING ILLUMINATION ARE CONTINUOUSLY LIGHTED. THE CONTRACTOR SHALL MAINTAIN ALL LIGHTING THROUGHOUT THE DURATION OF THE PROJECT. SEE SECTION 10.00 FOR SPECIFIC REQUIREMENTS.
- 2) ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, AND CONNECTICUT STANDARD SPECIFICATIONS.
- 3) ALL "COBRA HEAD" TYPE ROADWAY LUMINAIRES SHALL BE RATED I.E.S. FULL-CUTOFF.
- 4) HIGHWAY ILLUMINATION CONDUCTORS SHALL BE NO. 2 AWG, STRANDED, COPPER, INSULATION TYPE XHHW AND RATED FOR 600 VOLTS. INSULATION SHALL BE COLORED CROSS LINKED POLYETHELENE (XLP). THREE PHASE CIRCUIT COLORS SHALL BE AS FOLLOWS: BLUE, BLACK, RED.
- 5) INSTALL ONE NUMBER 8 BARE COPPER GROUNDING CONDUCTOR THROUGHOUT ALL HIGHWAY LIGHTING CIRCUITS.
- 6) NAVIGATION LIGHT BRANCH CIRCUIT CONDUCTORS SHALL BE NO. 8 AWG, STRANDED COPPER, INSULATION TYPE XHHW AND RATED FOR 600 VOLTS. INSULATION SHALL BE COLORED CROSS LINKED POLYETHELENE (XLP). SINGLE PHASE CIRCUIT COLORS SHALL BE AS FOLLOWS: WHITE, BLACK, GREEN.
- 7) NAVIGATION LIGHT "TAP" CONDUCTORS SHALL BE NO. 10 AWG, STRANDED COPPER, INSULATION TYPE THWN AND RATED FOR 600 VOLTS. SINGLE PHASE CIRCUIT COLORS SHALL BE AS FOLLOWS: WHITE, BLACK, GREEN.
- 8) LOCATION OF EXISTING ILLUMINATION ON PLANS IS APPROXIMATE.
- 9) TAPE ALL UNUSED CONDUCTORS.
- 10) THE CONTRACTOR SHALL ABIDE BY THE CONNDOT LOCKOUT/TAGOUT PROCEEDURES WHEN ACCESS TO A CIRCUIT IS REQUIRED. THE CONTRACTOR SHALL CONTACT THE DISTRICT ELECTRICAL SUPERVISOR AT TELEPHONE (860) 537-8942, WHEN ACCESS TO A CIRCUIT IS REQUIRED.
- 11) WHERE EXISTING R.M.C. IS TO BE RE-USED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING CONDUCTORS WITHIN THE CONDUIT. WHERE CONDUCTORS ARE TO BE PULLED INTO EXISTING OR NEW CONDUIT, THE COST OF FURNISHING AND INSTALLING THE PULL-LINE SHALL BE INCLUDED IN THE COST OF THE CONDUCTORS.
- 12) ALL PVC CONDUIT SHALL BE SCHEDULE 80. ALL FIBERGLASS CONDUIT SHALL BE EXTRA HEAVY WALL (0.250")
- 13) THE EXISTING HIGHWAY LIGHTING CIRCUITRY IS 480 VOLT, 3 PHASE, 3 WIRE. THE HIGHWAY LIGHTING CONTROL CABINET IS LOCATED ON WILLIAMS STREET IN NEW LONDON. THE EXISTING NAVIGATION LIGHT CIRCUITRY IS 120 VOLT, SINGLE PHASE. THE EXISTING NAVIGATION LIGHT CONTROL CABINET IS ATTACHED TO PIER NO. 31 ADJACENT TO FAIRVIEW AVENUE IN GROTON.
- 14) ALL MOUNTING HARDWARE (ANCHOR NUTS, FLAT WASHERS, LOCK WASHERS, ELASTOMERIC WASHERS, AND ELASTOMERIC PAD) REQUIRED TO INSTALL THE NEW PARAPET MOUNTED LIGHT STANDARDS SHALL BE NEW.



TYPICAL ILLUMINATION UNIT

				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB CHECKED BY: JA SCALE IN FEET 0 40 80 SCALE 1"=40'		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...\\engineering_data\\ILL-02.dgn		SIGNATURE/ BLOCK: OFFICE OF ENGINEERING APPROVED BY: 		PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER		TOWN: NEW LONDON GROTON DRAWING TITLE: ILLUMINATION PLAN		PROJECT NO. 94-252 DRAWING NO. ILL-02 SHEET NO. 08.02		
REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 6/20/2016													



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 5/9/2016


DESIGNER/DRAFTER:
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JA

SCALE IN FEET

0 40 80

SCALE 1"=40'

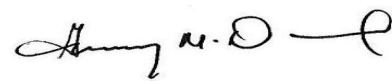
 **STATE OF CONNECTICUT**
DEPARTMENT OF TRANSPORTATION

Filename: ...\\engineering_data\\ILL-03.dgn

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BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:



PROJECT TITLE:

I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER

TOWN:

NEW LONDON GROTON

DRAWING TITLE:

ILLUMINATION PLAN

PROJECT NO.

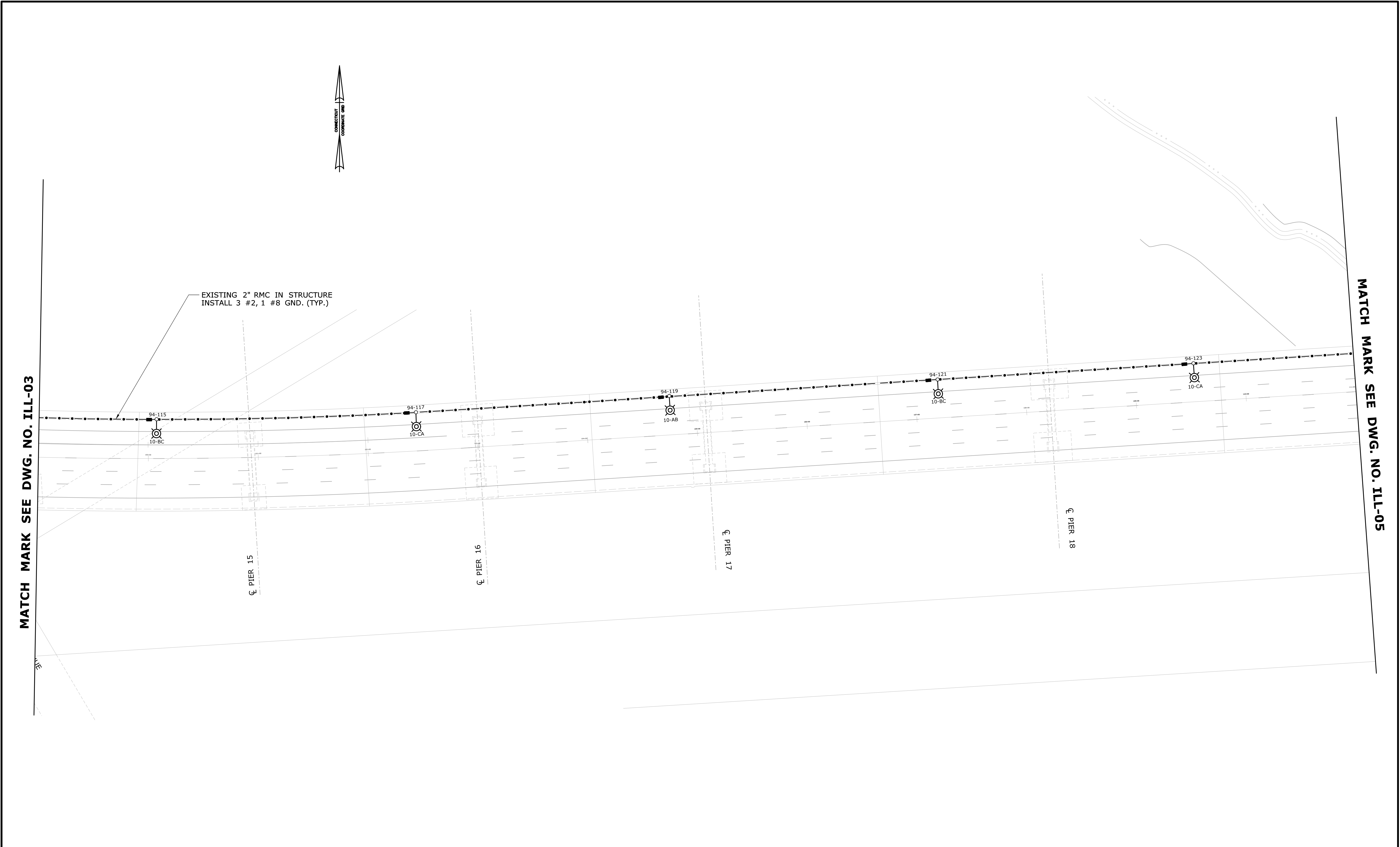
94-252




DRAWING NO.

ILL-03

SHEET NO.

08.03



				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK:		PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER		TOWN: NEW LONDON GROTON		PROJECT NO. 94-252	
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REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 5/9/2016											

MATCH MARK SEE DWG. NO. ILL-05





MATCH MARK SEE DWG. NO. ILL-07

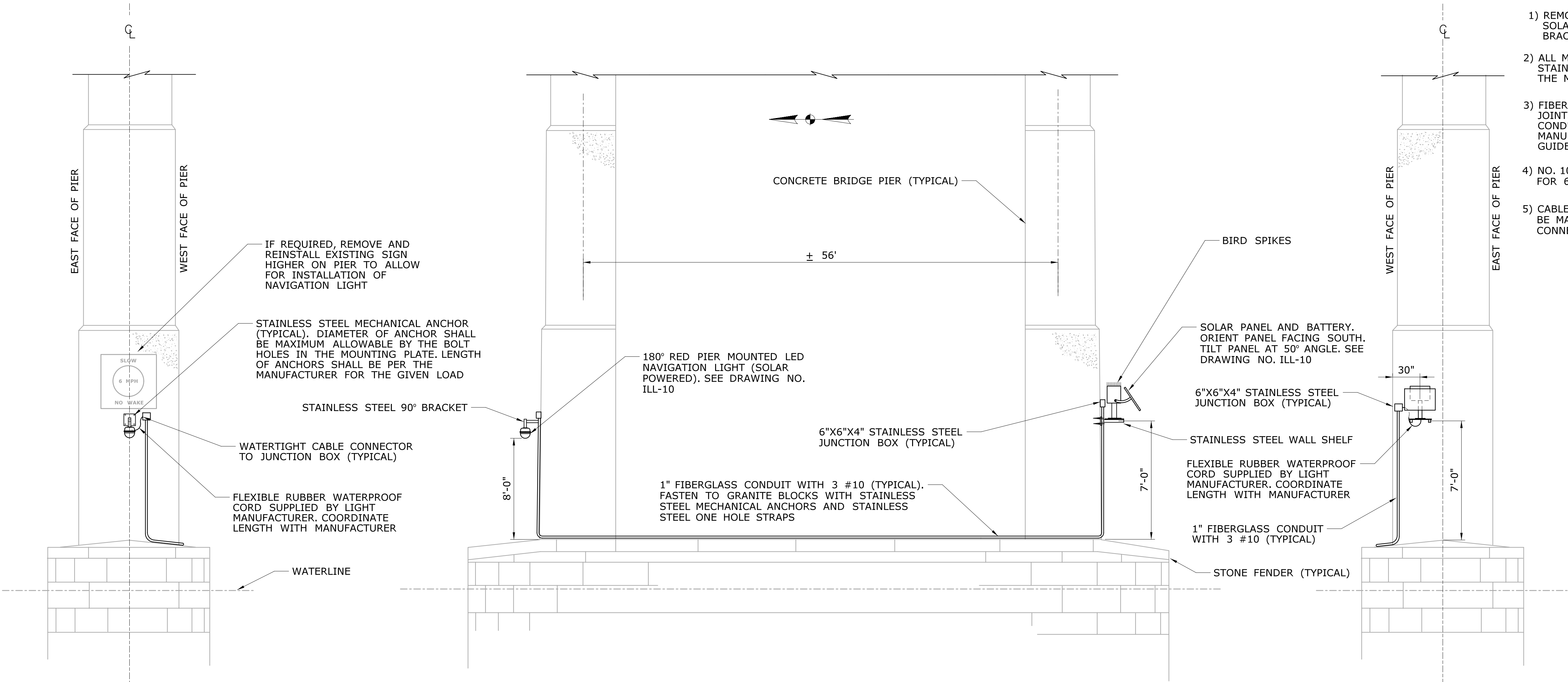
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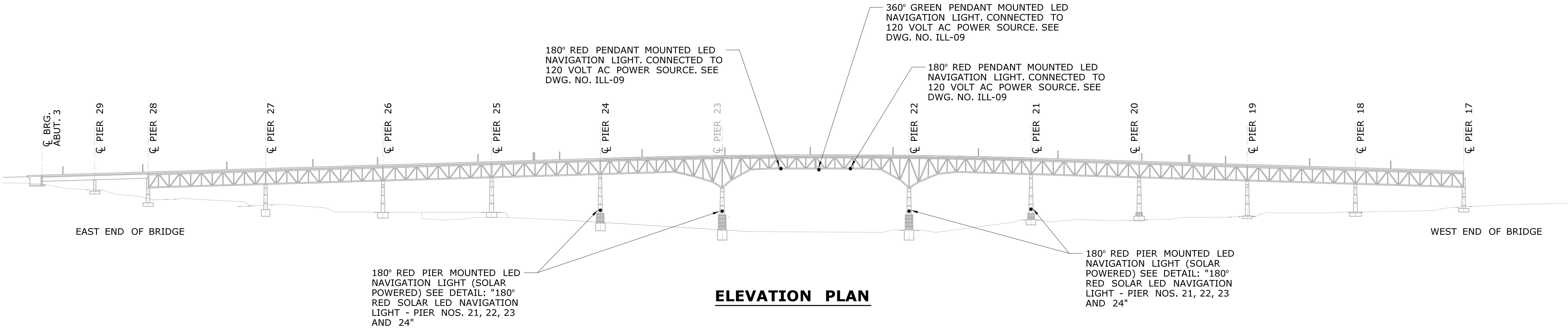
- FIBERGLASS CONDUIT INSTALLATION NOTES:
- 1) FIBERGLASS CONDUIT SHALL BE "EXTRA HEAVY" WALL TYPE WITH A WALL THICKNESS OF 0.250".
 - 2) SUPPORT SPACING SHALL NOT EXCEED 3'-0" AS PER N.E.C. 352.30(B).
 - 3) SUPPORT OF FIBERGLASS CONDUIT SPANNING DISTANCE BETWEEN RMC PARAPET STUB-DOWN AND STEEL BRIDGE STRUCTURE MAY REQUIRE THE INSTALLATION OF FIBERGLASS CLEVIS HANGERS WITH 1/2" STAINLESS STEEL THREADED ROD ANCHORED TO BRIDGE DECK.
 - 4) ALL CONDUIT BEAM CLAMPS SHALL BE STAINLESS STEEL.

				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB CHECKED BY: JA <div>SCALE IN FEET 0 40 80 SCALE 1"=40'</div>		<div> STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</div> <div>Filename: ...\.engineering_data\ILL-07.dgn</div>		SIGNATURE/ BLOCK: <div>APPROVED BY: </div>		PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER		TOWN: NEW LONDON GROTON DRAWING TITLE: ILLUMINATION PLAN		PROJECT NO. 94-252 DRAWING NO. ILL-07 SHEET NO. 08.07	
REV.	DATE	REVISION	DESCRIPTION	SHEET NO.	Plotted Date: 5/9/2016												



- GENERAL NOTES:
- 1) REMOVE AND SALVAGE EXISTING NAVIGATION LIGHTS, SOLAR PANELS (WITH ATTACHED FACTORY CABLES), AND BRACKETS
 - 2) ALL MECHANICAL ANCHORS AND CLAMPS SHALL BE TYPE 316 STAINLESS STEEL INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - 3) FIBERGLASS CONDUIT SHALL BE EXTRA-HEAVY WALL. ALL JOINTS SHALL BE SET WITH THE ADHESIVE SUPPLIED BY THE CONDUIT MANUFACTURER AND IN CONFORMANCE WITH THE MANUFACTURER'S INSTALLATION AND TEMPERATURE GUIDELINES.
 - 4) NO. 10 SINGLE CONDUCTOR SHALL BE TYPE THWN RATED FOR 600 VOLTS.
 - 5) CABLE SPLICES IN STAINLESS STEEL JUNCTION BOX SHALL BE MADE WITH SUBMERSIBLE TYPE INSULATED CABLE CONNECTORS (SEE DWG. ILL-12).



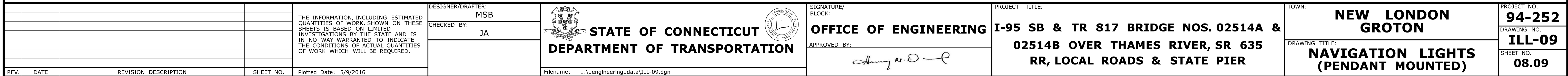
180° RED SOLAR LED NAVIGATION LIGHT
- PIER NOS. 21, 22, 23 AND 24

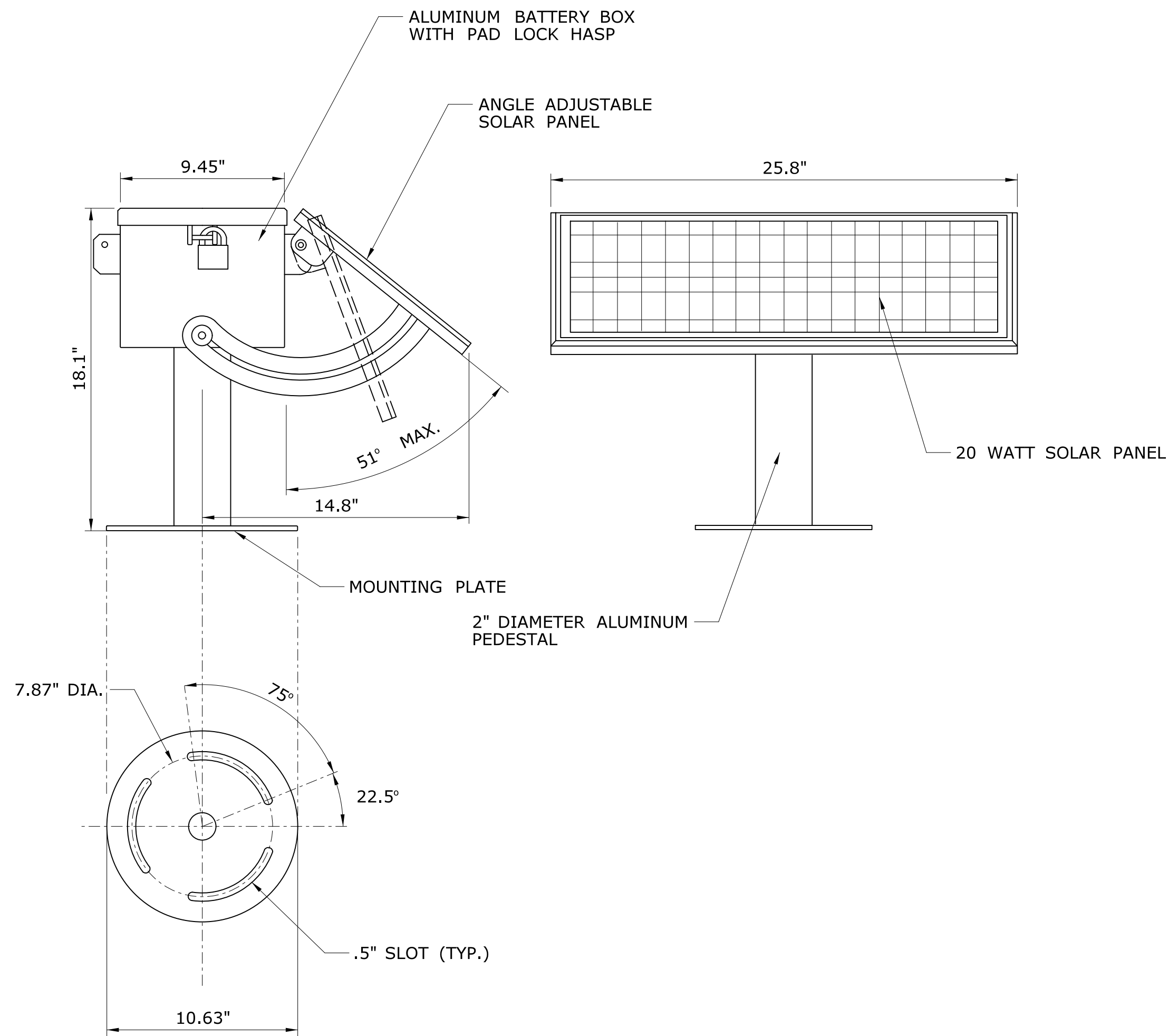


ELEVATION PLAN

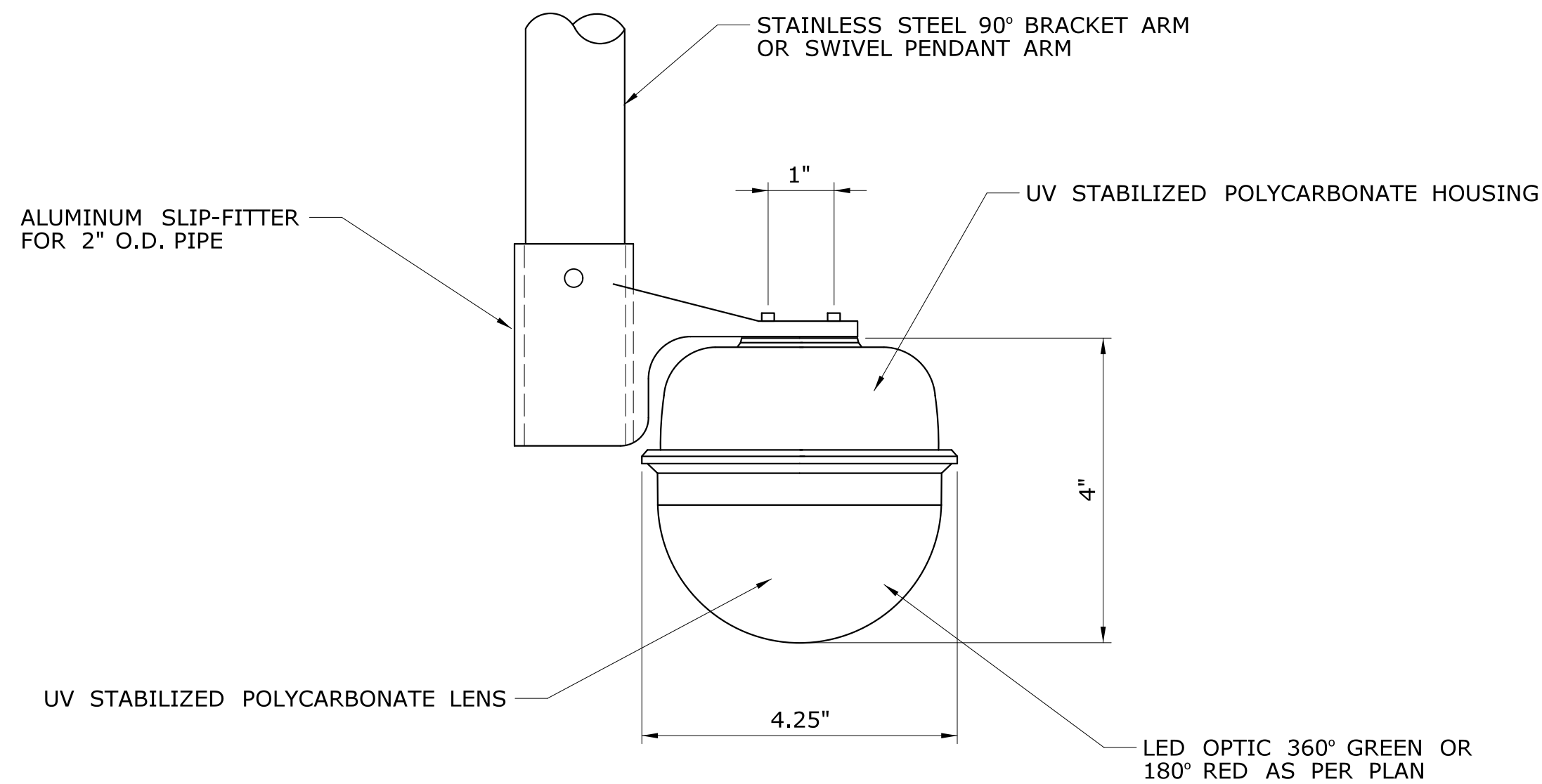
				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK: OFFICE OF ENGINEERING		PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS.02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER		TOWN: NEW LONDON GROTON		PROJECT NO. 94-252	
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REV.	DATE	REVISION DESCRIPTION				SHEET NO.	Plotted Date: 5/9/2016									

- 1) FIBERGLASS CONDUIT SHALL BE "EXTRA HEAVY" WALL TYPE WITH A WALL THICKNESS OF 0.250".
- 2) SUPPORT SPACING SHALL NOT EXCEED 3'-0" AS PER N.E.C. 352.30(B).
- 3) SUPPORT OF THE FIBERGLASS CONDUIT SPANNING THE DISTANCE BETWEEN THE RMC PARAPET STUB-DOWN AND THE STEEL BRIDGE STRUCTURE MAY REQUIRE THE INSTALLATION OF CLEVIS HANGERS (STAINLESS STEEL OR FIBERGLASS) TO SUPPORT THE CONDUIT AS PER N.E.C. 352.30(B). CLEVIS HANGERS SHALL HANG FROM BRIDGE DECK WITH 1/2" STAINLESS STEEL THREADED ROD.
- 4) ALL CONDUIT BEAM CLAMPS AND ATTACHMENT HARDWARE SHALL BE STAINLESS STEEL.

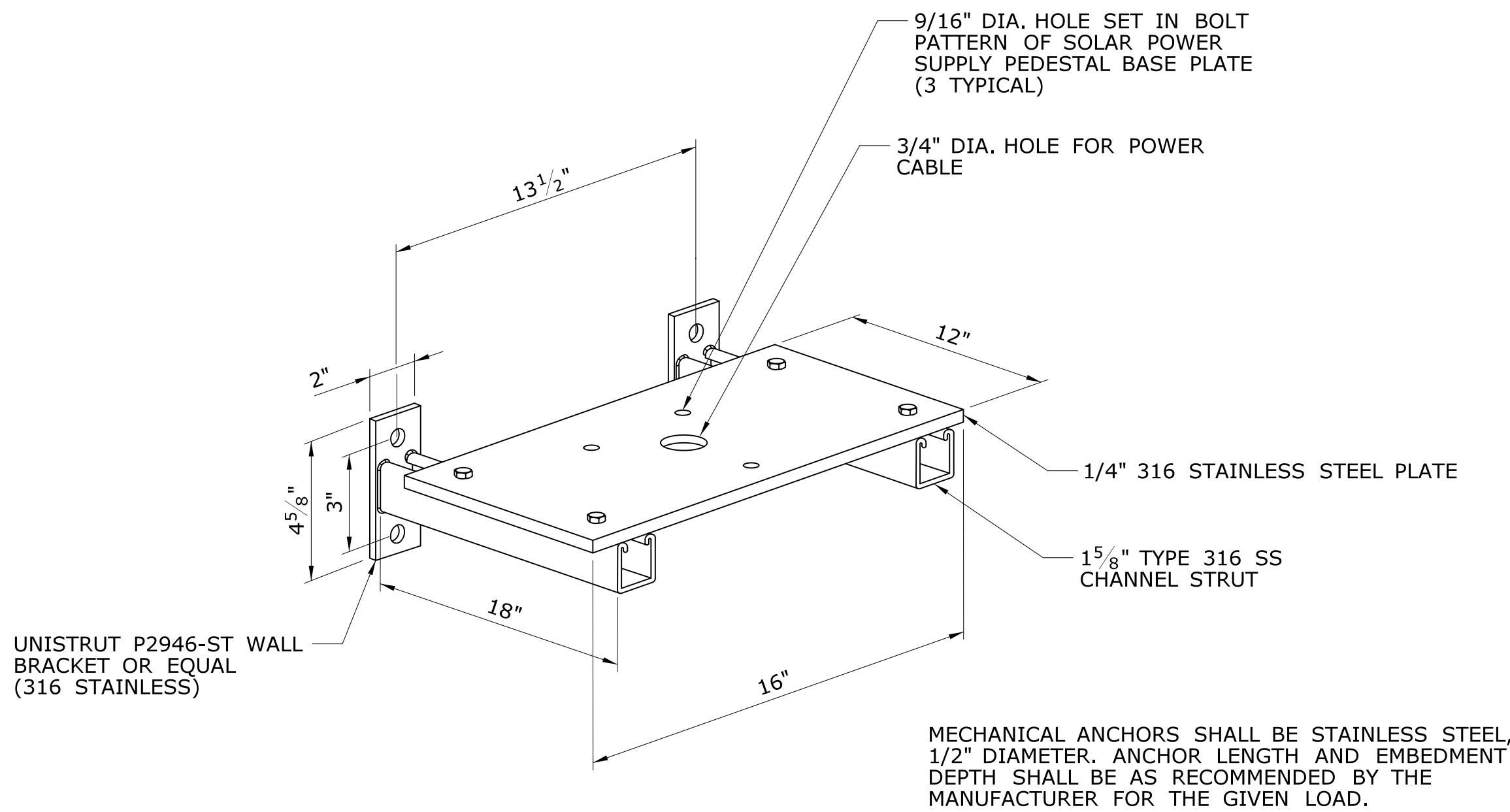






POWER SUPPLY FOR PIER LIGHTS

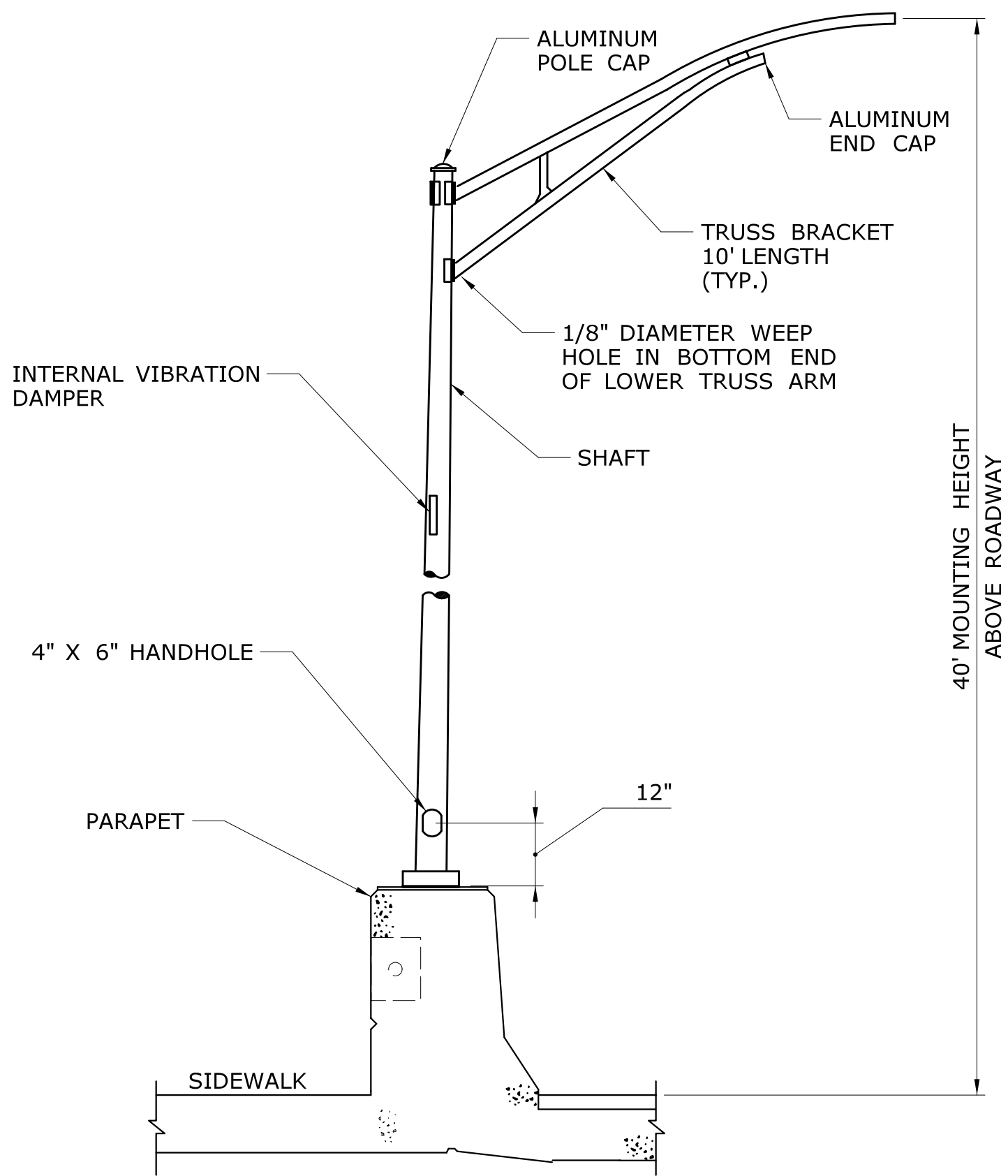


NAVIGATION LIGHT



POWER SUPPLY MOUNTING SHELF

				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK: OFFICE OF ENGINEERING APPROVED BY: 	PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER	TOWN: NEW LONDON GROTON DRAWING TITLE: NAVIGATION LIGHT AND SOLAR POWER SUPPLY	PROJECT NO. 94-252
				CHECKED BY: JA		DRAWING NO. ILL-10					
				NO SCALE		SHEET NO. 08.10					
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/9/2016	Filename: ...\\engineering_data\\ILL-10.dgn						



ALUMINUM LIGHT STANDARD

ALUMINUM LIGHT STANDARD - DIMENSION TABLE							
MOUNTING HEIGHT	BRACKET LENGTH	SHAFT DIAMETER		SHAFT WALL THICKNESS	BASE TYPE	ANCHOR BOLT SIZE	BOLT CIRCLE DIAMETER
		BOTTOM	TOP				
40'	10'	10"	6"	.250"	ANCHOR	1" X 40"	15" **

** VERIFY PRIOR TO ORDERING POLES

LIGHT STANDARD NOTES:

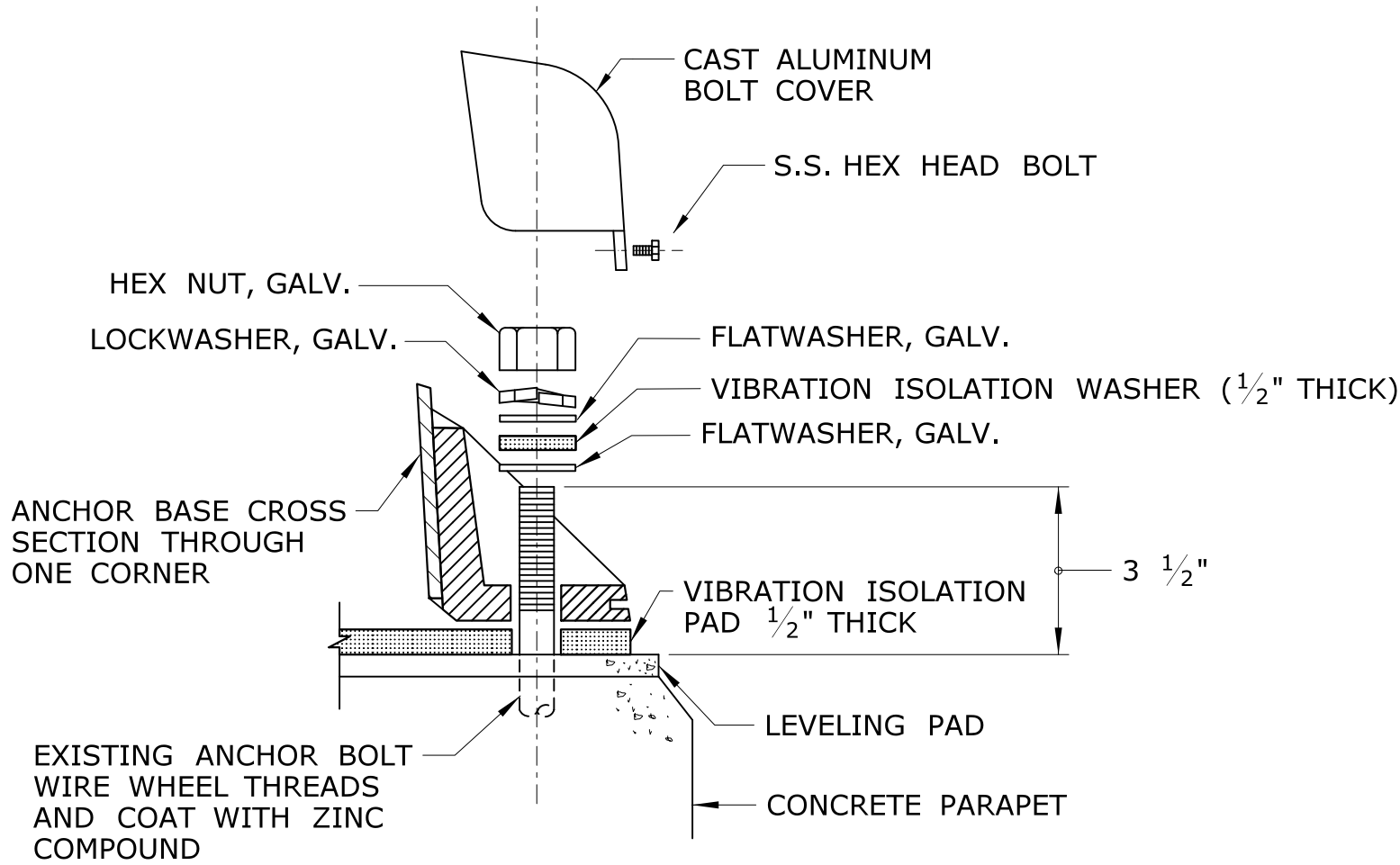
- 1) ALUMINUM ALLOY SHALL BE 6063, T6 TEMPER.

2) BOLT CIRCLE SHOWN IS FOR ANCHOR BASE BOTTOM OR TRANSFORMER BASE BOTTOM (WHICHEVER IS APPLICABLE).

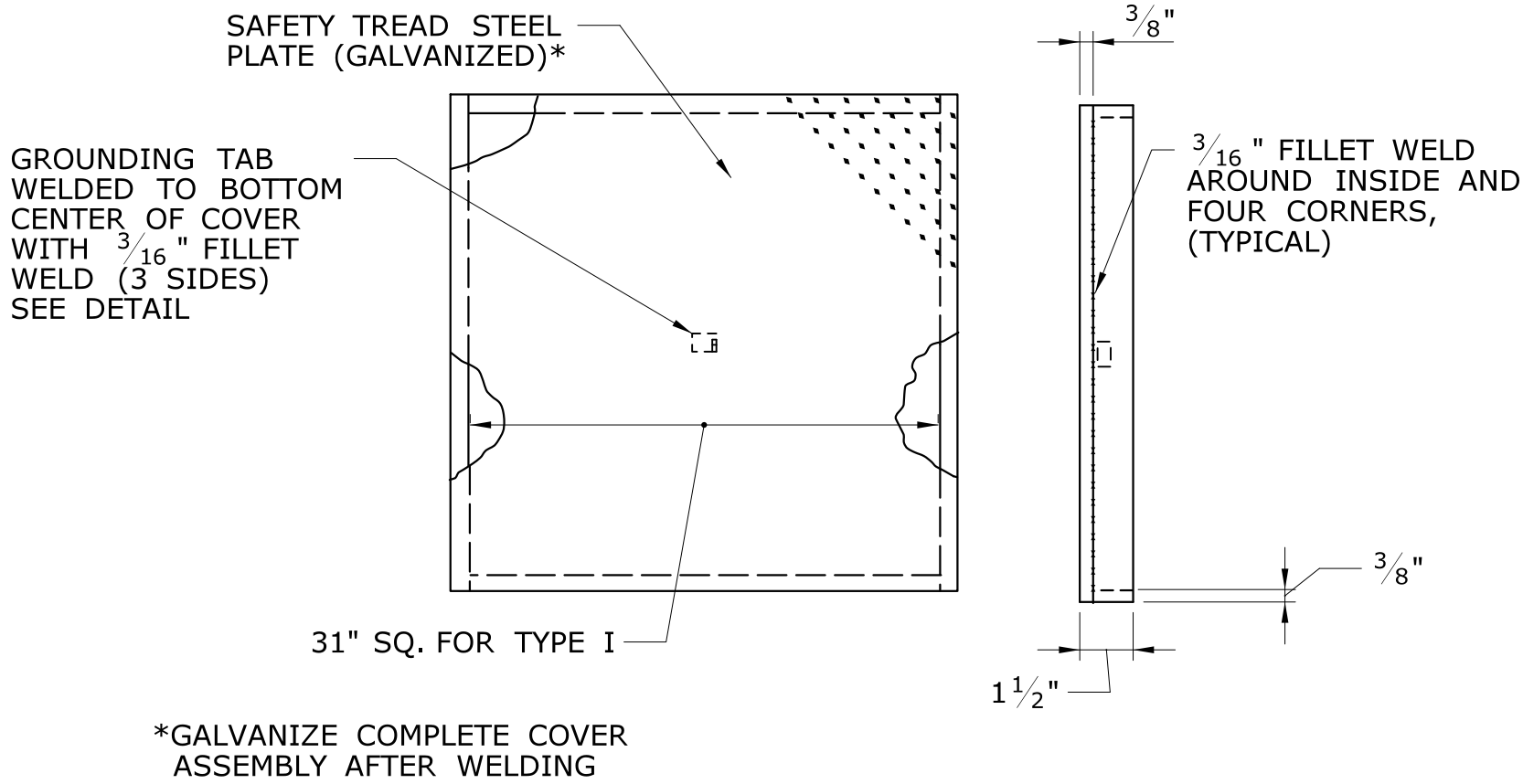
3) TO BE DESIGNED TO AASHTO "STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" FOR 90 M.P.H. WINDS.

4) WELDING DESIGN AND FABRICATION SHALL CONFORM TO THE LATEST EDITION OF THE ANSI/AWS D1.2, STRUCTURAL WELDING CODE - ALUMINUM.
- 5) FOR BASE CONNECTION WELDS, FABRICATION INSPECTION AND TESTING SHALL BE PERFORMED AS NECESSARY PRIOR TO ASSEMBLY, DURING ASSEMBLY, DURING WELDING, AND AFTER WELDING, TO ENSURE THAT MATERIALS AND WORKMANSHIP MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. FABRICATION INSPECTION AND TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFICATION INSPECTION AND TESTING IS THE PREROGATIVE OF THE ENGINEER (CONNDOT).

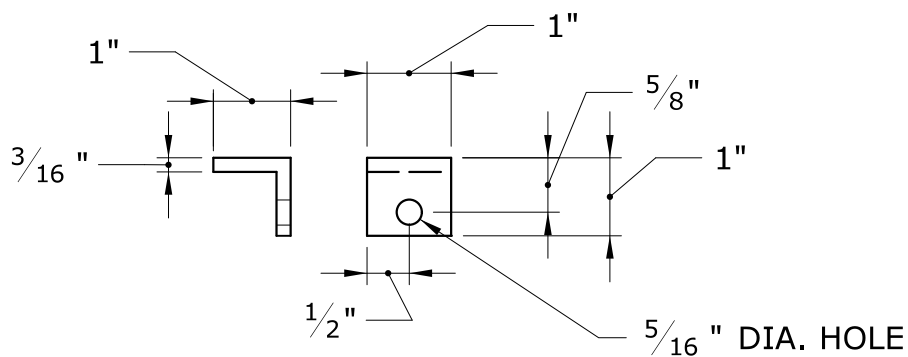
6) NON-DESTRUCTIVE TESTING FOR ALUMINUM SHALL BE AS FOLLOWS: A RANDOM 25% OF ALL BASE CONNECTION WELDS SHALL BE INSPECTED IN ACCORDANCE WITH ASTM E-165 STANDARD PRACTICE FOR LIQUID PENETRANT INSPECTION METHOD.



ANCHOR BASE LIGHT STANDARD MOUNTING HARDWARE



OVERLAP TYPE COVER



STEEL GROUNDING TAB

LIGHT STANDARD ATTACHMENT NOTES:

- 1) ALL LIGHT STANDARD MOUNTING HARDWARE (NUTS, WASHERS, ELASTOMERIC PAD AND WASHERS) SHALL BE NEW.

2) THE CONTRACTOR SHALL REMOVE THE EXISTING ANCHOR BOLT HEX NUTS IN SUCH A MANNER AS TO AVOID DAMAGING THE EXISTING ANCHOR BOLT. RECOMMENDED METHODS OF REMOVAL INCLUDE THE APPLICATION OF PENETRATING OILS, HEAT, FREEZE COMPOUNDS, AND THE USE OF A HYDRAULIC NUT SPLITTER. WHERE STANDARD REMOVAL TECHNIQUES FAIL, THE CONTRACTOR SHALL INFORM THE ENGINEER AND AWAIT FURTHER INSTRUCTION.

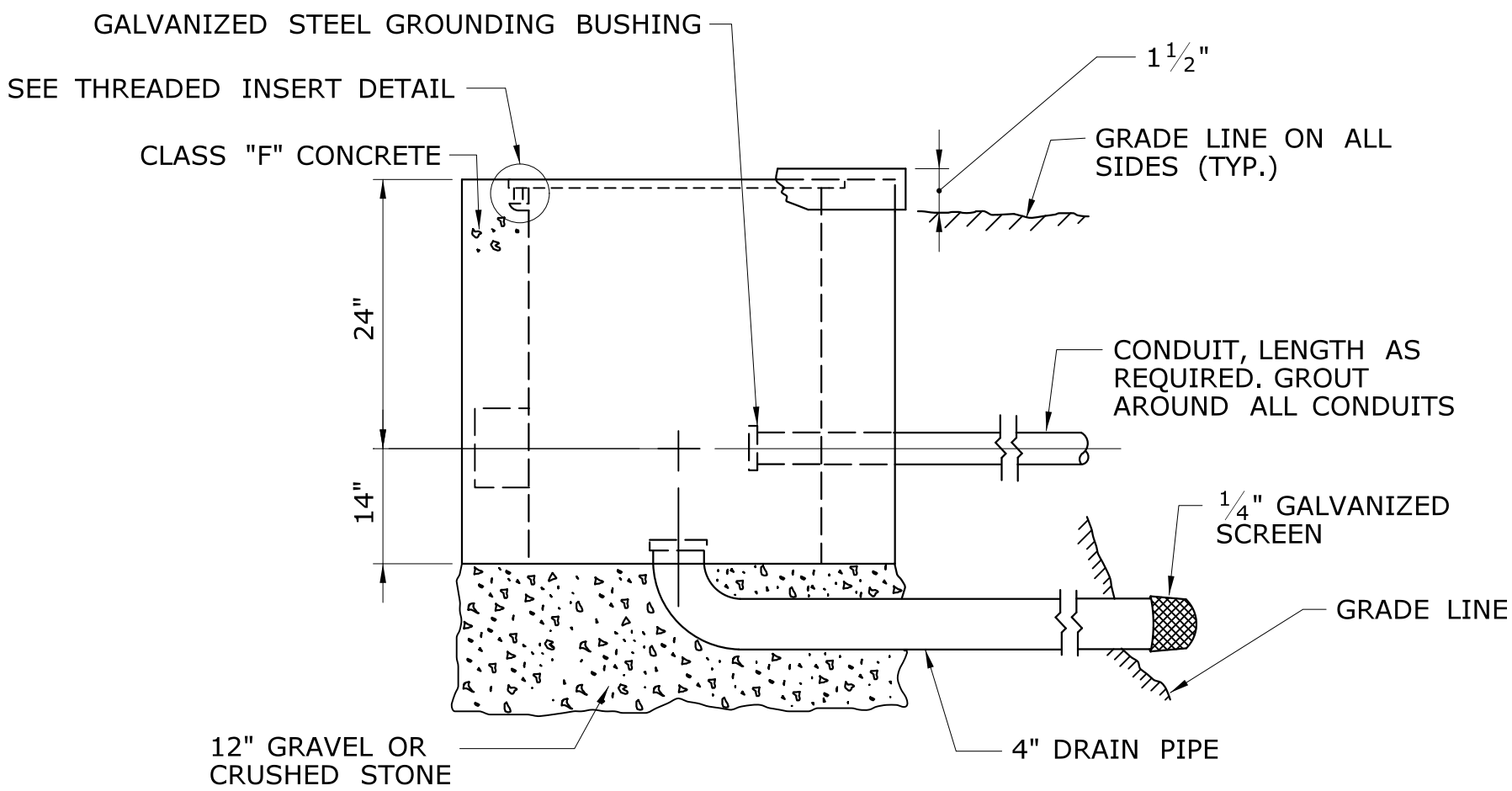
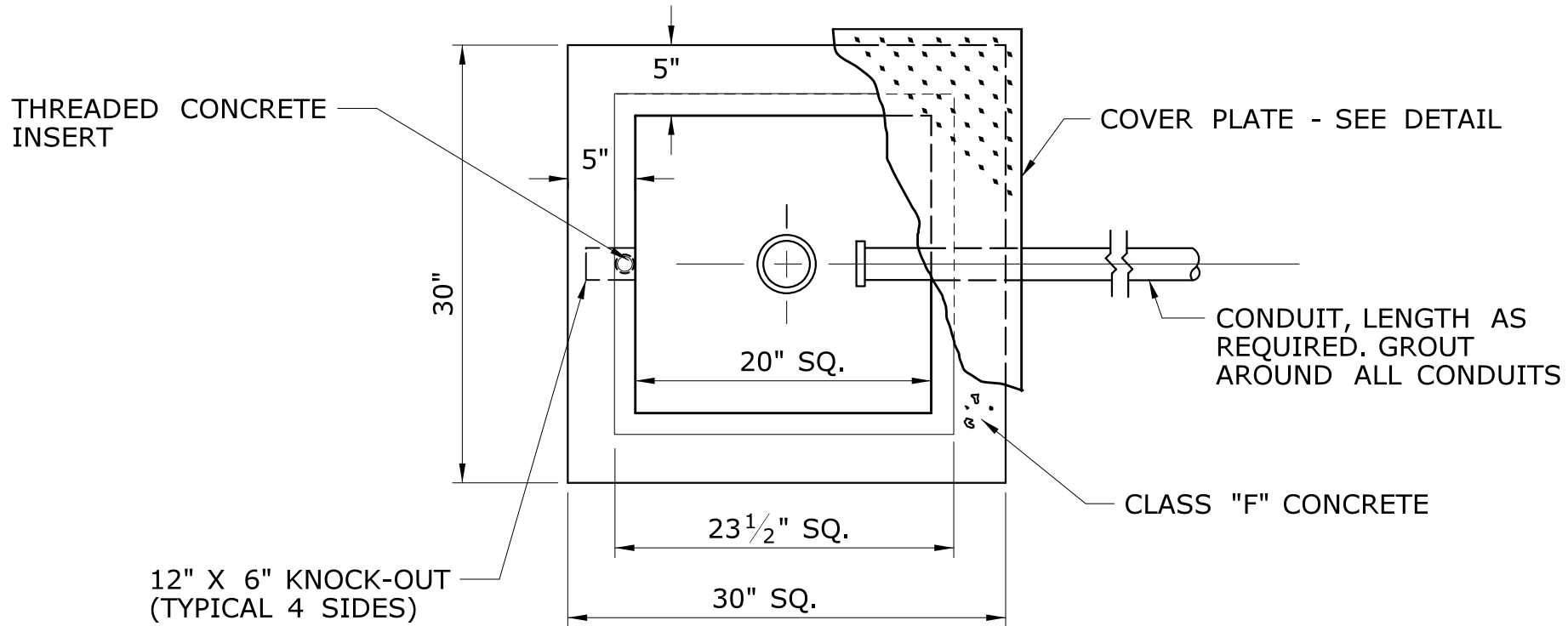
3) WHERE THE EXPOSED (THREADED) ANCHOR BOLT IS OF INSUFFICIENT LENGTH TO INSTALL THE HARDWARE AS INDICATED IN THE "ANCHOR BASE LIGHT STANDARD MOUNTING HARDWARE" DETAIL, THE CONTRACTOR SHALL SEQUENTIALLY MAKE HARDWARE ADJUSTMENTS (ONE ADJUSTMENT AT A TIME STARTING WITH "A") AS LISTED BELOW UNTIL FULL THREAD ENGAGEMENT OF THE HEX NUT IS ACHIEVED:

A) REDUCE THICKNESS OF ELASTOMERIC WASHER FROM 1/2" TO 1/4".



B) REDUCE THICKNESS OF ELASTOMERIC WASHER AND ELASTOMERIC PAD FROM 1/2" TO 1/4".

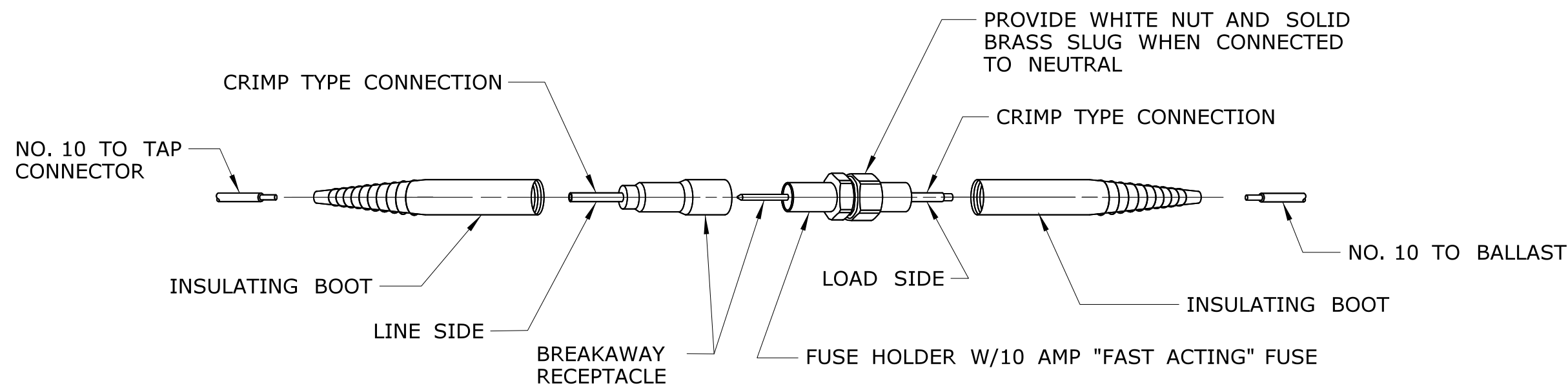
C) REDUCE THICKNESS OF ELASTOMERIC PAD FROM 1/2" TO 1/4" AND ELIMINATE ELASTOMERIC WASHER AND ONE FLAT WASHER.

ADJUSTMENT "A" WILL EXPOSE 1/4" OF ADDITIONAL THREAD. ADJUSTMENT "B" WILL EXPOSE 1/2" OF ADDITIONAL THREAD. ADJUSTMENT "C" WILL EXPOSE 7/8" OF ADDITIONAL THREAD. WHERE THE ABOVE ADJUSTMENTS FAIL TO EXPOSE THE REQUIRED LENGTH OF ANCHOR BOLT THREAD, THE CONTRACTOR SHALL INFORM THE ENGINEER AND AWAIT FURTHER INSTRUCTION.
- 4) PRIOR TO INSTALLATION OF THE NEW HARDWARE, THE EXISTING ANCHOR BOLT THREADS SHALL BE CLEANED OF ALL RUST AND COATED WITH A ZINC-RICH COLD GALVANIZING COMPOUND. PRIOR TO APPLICATION OF THE ZINC COMPOUND, THE CONTRACTOR SHALL FIRST DETERMINE THE FINAL HARDWARE COMPOSITION (SEE NOTE NO. 3 ABOVE). IF NECESSARY, DRY FITTING OF THE HARDWARE SHALL BE CARRIED OUT TO ENSURE COMPLETE THREAD ENGAGEMENT. THE ZINC COMPOUND SHALL BE ALLOWED TO PROPERLY CURE AS PER THE MANUFACTURER'S INSTALLATION GUIDELINES PRIOR TO INSTALLING THE HARDWARE. AFTER INSTALLATION OF THE MOUNTING HARDWARE, TOUCH-UP OF THE ZINC COATING MAY BE REQUIRED ON EXPOSED ANCHOR BOLT THREADS. THIS WORK SHALL BE PAID FOR AS PART OF THE ITEM FOR LIGHT STANDARD.
- 5) THE ZINC-RICH COATING SHALL BE AN ORGANIC ZINC-RICH COMPOUND CONTAINING A MINIMUM OF 95% METALLIC ZINC BY WEIGHT AND CONFORM TO FEDERAL SPECIFICATION DOD-P-21035A. THE COATING SHALL MEET THE REQUIREMENTS OF MILITARY SPECIFICATION MIL-P-26915A.
- 6) SEE STRUCTURE PLAN SET FOR ANCHOR BOLT REPAIR PROCEDURE AT LIGHT POLE NOS. 94-125, 94-137 AND 94-139.
- 7) WHERE NECESSARY, THE CONTRACTOR SHALL REPAIR DAMAGED CONCRETE LIGHT STANDARD LEVELING PADS WITH NON-SHRINK GROUT. ALL LOOSE OR DETERIORATED CONCRETE SHALL BE REMOVED PRIOR TO INSTALLING GROUT. THIS WORK SHALL BE PAID FOR AS PART OF THE ITEM FOR LIGHT STANDARD.



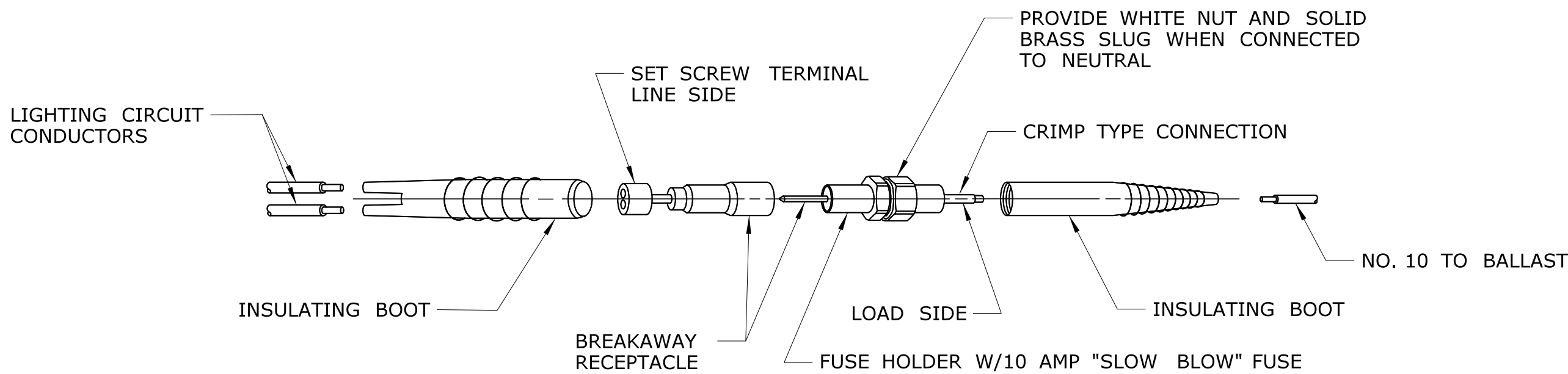
CONCRETE HANDHOLE - TYPE I

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						NO SCALE			APPROVED BY: 					SHEET NO. 08.11	
REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 6/20/2016		Filename: ...\\engineering_data\\ILL-11.dgn								



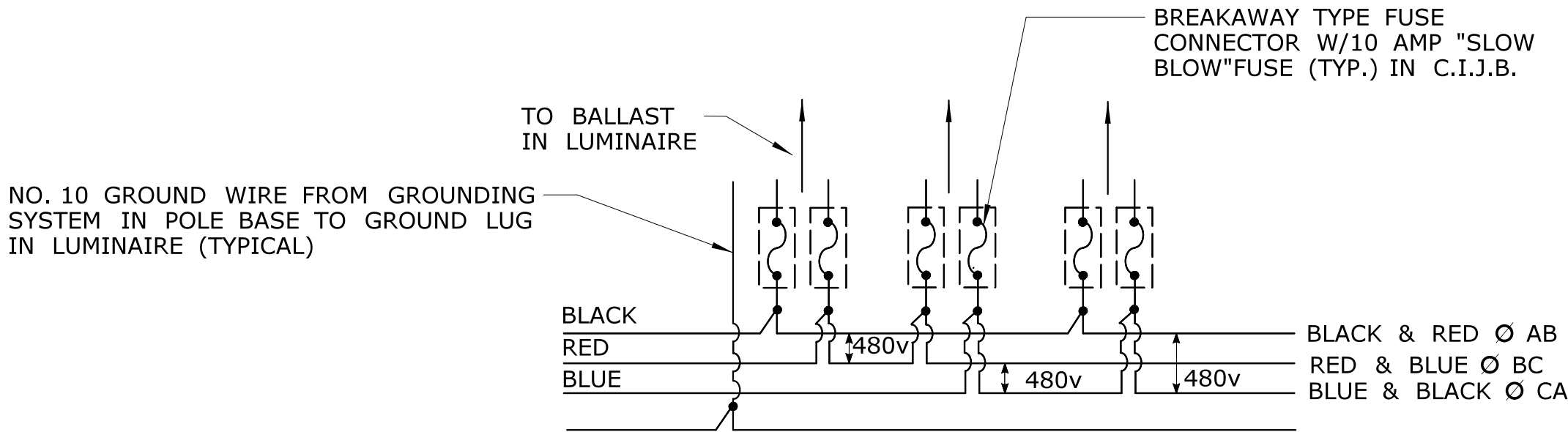
BREAKAWAY FUSE CONNECTOR

INSTALL TWO PER AC POWERED NAVIGATION LIGHT IN PARAPET CSAT IRON JUNCTION BOX



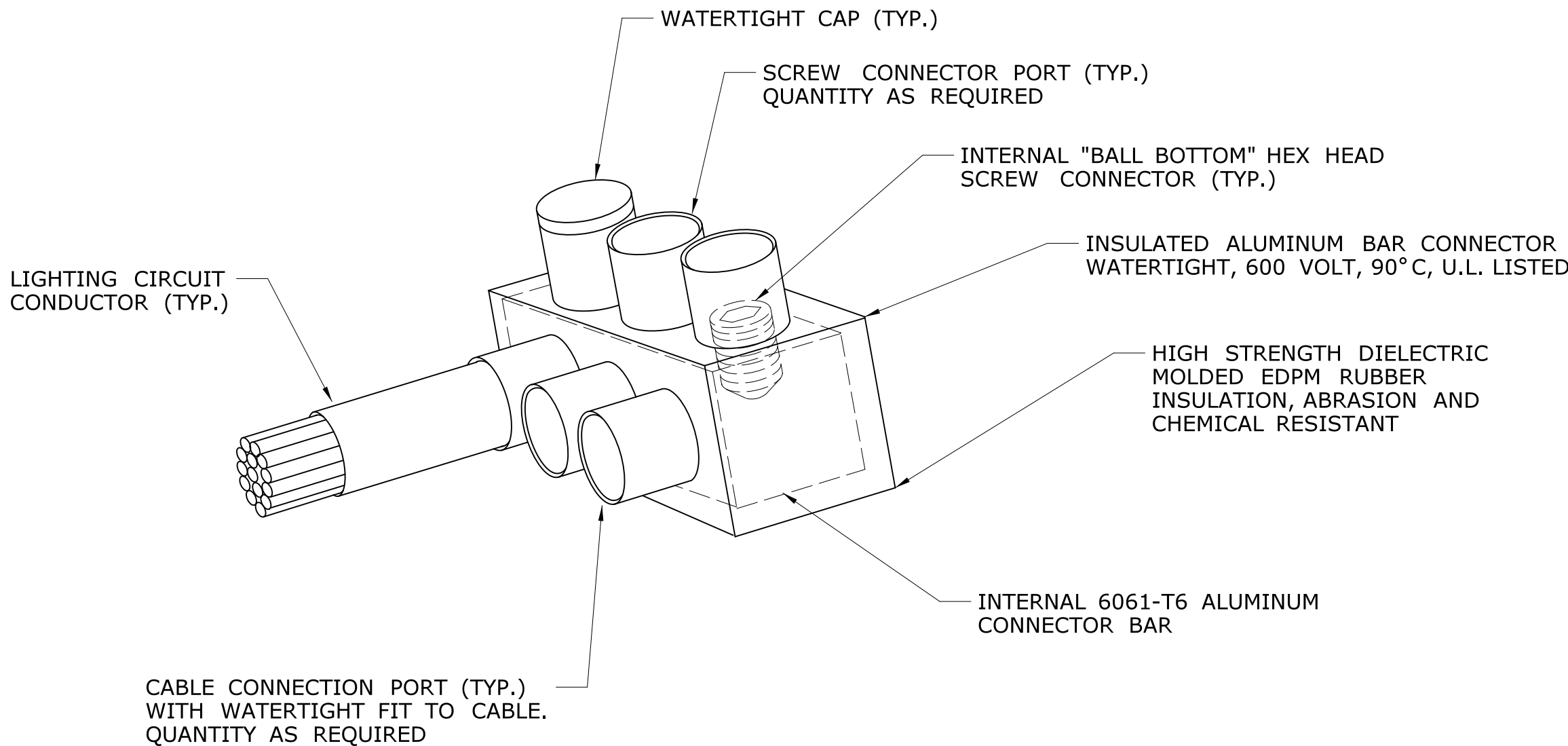
BREAKAWAY FUSE CONNECTOR

INSTALL TWO PER LIGHT STANDARD IN CAST IRON JUNCTION BOX



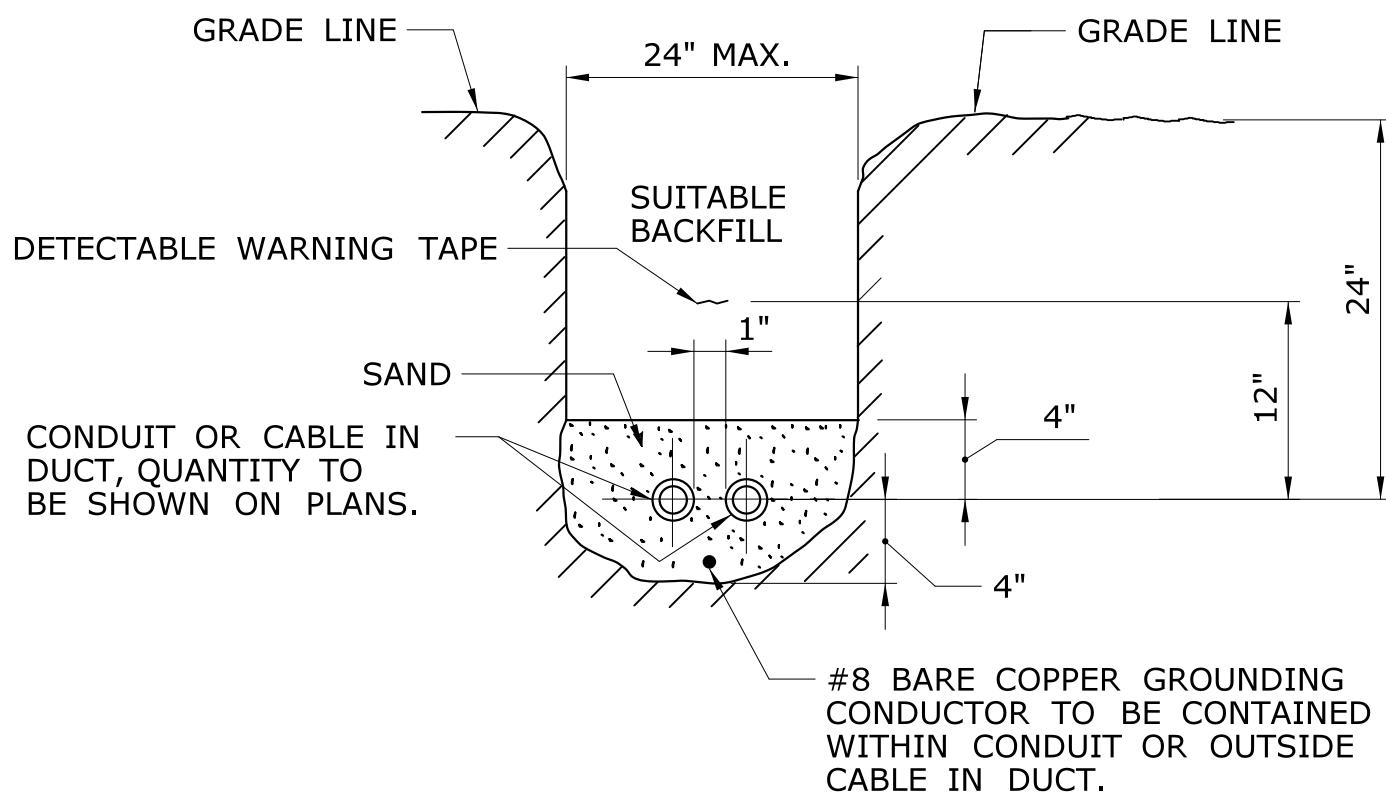
3 PHASE 3 WIRE SYSTEM

HIGHWAY LIGHTING SYSTEM





WATERTIGHT CONNECTOR

FOR SPLICES IN HANDHOLES AND JUNCTION BOXES



BURIED CONDUIT OR CABLE IN DUCT

				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK: OFFICE OF ENGINEERING	I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER	TOWN: NEW LONDON GROTON	PROJECT NO. 94-252			
				CHECKED BY: JA	NO SCALE	APPROVED BY: 						PROJECT TITLE:	DRAWING TITLE: CONNECTIONS CONDUIT IN TRENCH	DRAWING NO. ILL-12
REV.	DATE	REVISION DESCRIPTION		SHEET NO.	Plotted Date: 5/9/2016	Filename: ...\\engineering_data\\ILL-12.dgn								